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514 need PCH# 20 SEP 1999 #4

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Number	PCT/US99/02838 02/10/1999
Inventor	Steven J. Shattil

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9/10/00**

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

Sheet 1 of 1

Complete if Known

Application Number	PCT/US99/02838
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Filing Date	02/10/1999
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First Named Inventor	Steven J. Shattil
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Group Art Unit

Examiner Name _____

Attorney Docket Number	022950 PCT US
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[illegible][illegible]

Examiner
Signature

Kenn M Bond

Date _____

Considered

5/12/03

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09/381,588

Filing Date

9/20/1999

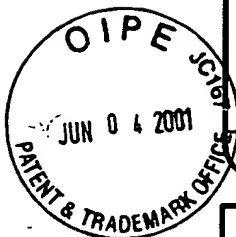
First Named Inventor

Shattil, Steve J.

Group Art Unit

Examiner Name

Attorney Docket Number

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Kerri M Buro

5/12/03

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Substitute for form 1449B/PTO		Complete if Known	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)		Application Number	09/381,586
		Filing Date	9/20/1999
		First Named Inventor	Shakkil, Steve S
		Group Art Unit	
		Examiner Name	
Sheet 2 of 3	Attorney Docket Number		

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OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS			
Examiner Initials ¹	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
AMM	30	LINNARTZ, "Synchronous MC-CDMA in Dispersive Mobile Rayleigh Channels," Proc. 2nd IEEE Benelux Sig. Proc. Symposium, Hilvarenbeek, Mar. 23 2000	
	31	YEE, "Controlled Equalization of Multi-Carrier CDMA in an Indoor Fading Channel," IEICE Trans. on Comm., Japan, Vol. E77-B, No. 7 Jul. 1994.	
	32	YEE, "Wiener Filtering of Multi-Carrier CDMA in a Rayleigh Fading Channel," IEEE/ICC PIMRC Conference, Hague, Vol. 4, pp1344-1347 Sep. 19-23, 1994.	
	33	YANG, "Blind Joint Soft-Detection Assisted Slow Frequency-Hopping Multi-Carrier DS-SS-CDMA," IEEE Trans. Comm., Vol 48, No. 9, Sep. 2000.	
	34	HARA, "Overview of Multicarrier CDMA," IEEE Communications Mag., Dec. 1997.	
	35	Frenyer, "A Parallel Combinatorial OFDM System," IEEE Trans. Comm., Vol. 47, No. 04, April 1999.	
	36	SAULNIER, "Performance of an OFDM Spread Spectrum Comm. System using Lapped Transforms," IEEE, 1997	
	37	CHANG, "Wavelet-Based Multi-carrier CDMA for Personal Comm. Systems," IEEE, 1996	
	38	YEE, "Multicarrier Code Division Multiple Access (MC-CDMA): A New Spreading Technique for Comm. over Multipath Channels," Final Report for Micro Project 93-101.	
	39	XU, "Performance of Multicarrier DS CDMA Systems in the Presence of Correlated Fading," IEEE, 1997	
✓	40	SOUROUR, "Performance of Orthogonal Multicarrier CDMA in a Multipath Fading Channel," IEEE Trans. Comm., Vol 44, No. 3, MAR. 1996	

Examiner Signature	<i>Ronan M. Boud</i>	Date Considered	5/16/05
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INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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Sheet 3 of 3

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Application Number 09/381,588
Filing Date 9/20/1999
First Named Inventor Shalil, Steve J.
Group Art Unit
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Attorney Docket Number

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OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No.¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T²
MMB	A1	KOWALSKI, "Optical pulse generation with a frequency shifted feedback laser," Appl. Phys. Lett. 53(9), Aug. 29, 1988	
	A2	KOWALSKI, "Pulse generation with an acousto-optic frequency shifter in a passive cavity," Appl. Phys. Lett. 50(12), Mar. 23, 1987	
	A3	Bonnet, "Dynamics of self-modeling of a titanium-sapphire laser with intracavity frequency shifted feedback," Optics Comm. 123 (1996) Feb. 01, 1996	
	A4	BUGHAM, "Multicarrier Modulation for Data Transmission: An Idea Whose Time has Come," IEEE Communications Mag., May 1990	
	A5	SLIMANE, "MC-CDMA with Quadrature Spreading over Frequency Selective Fading Channels," IEEE, 1997	
	A6	YEE, "Multicarrier CDMA in Indoor Wireless Radio Networks," IEEE Trans. on Comm., Japan, Vol. E77-B, No. 7, July 1994	

Examiner Signature Kevin M. Bond Date Considered 5/12/03

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